

AMENDMENTS TO THE CLAIMS

1. (currently amended) A method comprising:
 - performing an analysis or synthesis operation on a graphical model representation that includes at least one graphical object;
 - producing a report from the analysis or synthesis operation;
 - ~~generating~~ associating one or more tags with a graphical object ~~associations~~
 - ~~associating elements of the graphical model representation with corresponding elements in the report;~~
 - associating the one or more tags associated with the graphical object with one or more portions of the produced report corresponding to the graphical object;
 - receiving a selection of ~~[[a]]~~the graphical object in the graphical model representation;
 - and
 - displaying ~~elements~~ the one or more portions of the produced report corresponding to the selected graphical object in response to the selection.
2. (original) The method of claim 1 in which the report is a document structured with portions corresponding to different elements of the graphical model representation.
3. (original) The method of claim 2 in which the document is a structural coverage report.
4. (original) The method of claim 2 in which the document is a code generation report incorporating syntax highlighted code.
5. (original) The method of claim 2 in which the document is a profiling report that documents relative execution times of each of the elements.
6. (canceled)
7. (previously presented) The method of claim 1 in which the selection is made by a computer mouse action.
8. (currently amended) The method of claim 1 in which the ~~associations~~ one or more tags are markup language tags.

9. (original) The method of claim 8 in which the markup language tags are hypertext markup language (HTML) tags.

10. (original) The method of claim 1 in which the report is a model coverage report.

11. (original) The method of claim 1 in which the report is a generated code report.

12. (currently amended) A system comprising:

means for performing an analysis or synthesis operation on a graphical model representation that includes at least one graphical object;

means for producing a report from the analysis or synthesis operation;

means for ~~generating associations associating elements~~ associating one or more tags with a graphical object of the graphical model representation ~~with corresponding elements in the report;~~

means for associating the one or more tags associated with the graphical object with one or more portions of the produced report corresponding to the graphical object;

means for receiving a selection of ~~[[a]]~~ the graphical object in the graphical model representation; and

means for displaying ~~elements~~ the one or more portions of the produced report corresponding to the selected graphical object in response to the selection.

13. (currently amended) The system of claim 12 further comprising means for loading ~~an element~~ a portion in the report in response to activating ~~one of the~~ a graphical ~~model elements~~ object.

14. (original) The system of claim 12 in which the report is a document structured with portions corresponding to different elements of the graphical model representation.

15. (original) The system of claim 14 in which the document is a structural coverage report.

16. (original) The system of claim 14 in which the document is a code generation report incorporating syntax highlighted code.

17. (original) The system of claim 14 in which the document is a profiling report that documents relative execution times of each of the elements.

18. (currently amended) The system of claim 12 in which the one or more tags~~associations~~ are markup language tags.

19. (original) The system of claim 18 in which the markup language tags are hypertext markup language (HTML) tags.

20. (original) The system of claim 18 in which the markup language tags are portable document format (PDF) embedded links.

21. (original) The system of claim 12 in which the report is a model coverage report.

22. (original) The system of claim 12 in which the report is a generated code report.

23. (currently amended) A computer program product residing on a computer readable medium having instructions stored thereon which, when executed a processor, cause the processor to:

perform an analysis or synthesis operation on a graphical model representation, the graphical model representation including at least one graphical object;

produce a report from the analysis or synthesis operation;

~~generate~~ associate one or more tags with a graphical object ~~associations associating elements of the graphical model representation with corresponding elements in the report;~~

associate the one or more tags associated with the graphical object with one or more portions of the produced report corresponding to the graphical object;

receive a selection of [[a]]the graphical object in the graphical model representation;

and

display ~~elements~~ the one or more portions of the produced report corresponding to the selected graphical object in response to the selection.

24. (canceled)